

## CLASS ELECTIONS HELD LAST FRIDAY

Freshmen and Sophomores Poll  
Heavy Vote — Officer and  
O'Hearn '21 Tie For Member  
of Institute Committee

### 1920 ELECTION CONTESTED

Elections were held last Friday to fill the vacancies in the offices of the upper classes, occurring through the withdrawal of men to enter the service; the freshmen elected all class officers.

The first year men polled the heaviest vote, about 300; the Sophomores were second with 150 men voting, the Juniors third with about 90 votes, and the Senior class polled 70 votes. The Sophomore elections are being contested and the results are at present unobtainable.

Almost without exception the contests were very close, many narrowly escaping a tie, though in one or two instances the victor polled as many votes as the sum of those cast for the opposition. A tie resulted in the voting for members of the Institute Committee on the freshman ballot, R. F. Officer and E. F. O'Hearn each receiving 64 votes. The election will probably be decided by the Institute Committee or another election some time throughout the week.

The Seniors elected Saxton W. Fletcher as treasurer; Philip M. Dinkins, Institute Committee; Thomas P. Kelley and Garnett H. Porter, Executive Committee.

The Junior Class chose William H. Banks as its president, Donald D. Way for Institute Committee, and David C. Sanford for Executive Committee.

The freshmen elected Ernest F. Stockwell president; Joseph H. McEvoy, Jr., treasurer; John N. Worcester and Arthur W. Norton, Executive Committee; Lawrence W. Trowbridge, vice-president; Richard S. Clark, secretary; Garvin Bawden, Institute Committee. The election of a second member of the Institute Committee is tied between Officer and O'Hearn.

## ADVANCE BATTALION

### Lieutenant Morize Gives First of Series of Lectures

The Advance Battalion under Major Lovengard '17, now has some 250 men enrolled. Wirt, Keisler, Chamberlain, Jones and Knowland, all of 1918, are captains of A, B, C, and D companies respectively. Lieutenant Lewis '19, is adjutant. The principal work of the battalion at present consists in giving each man practice in commanding.

Lieutenant Morize of the French Army will deliver two more lectures before the members of the Advance Battalion and the Reserve Officers' Training Corps. The first lecture was held Friday, the subject being "The Preparation of Ground for an Attack." The subject of the second lecture, to be held in Room 10-250 at 4.00 o'clock on November 23, will be "The Preparation of the Men and the Organization of a Company for an Attack." The third lecture, which will be held on December 7, will be on "The Execution of an Attack and the Organization of Captured Positions."

In his first lecture Lieutenant Morize took as his example of the preparation of ground for an attack the work carried on by his own regiment between September 1 and October 5, 1916, in preparing the sector at Chaumes in the Somme region and near the Amiens railway. His regiment's duty was simply to prepare the ground. The actual execution of the attack was left to other troops, as is always the case.

Before an attack can be made, the condition of the ground and of the field

(Continued on page 3)

### Mrs. Maclaurin Extends Invitation to Student Body

To the Students at the  
Institute  
In Maclaurin and I are  
anxious to welcome every  
Student at Technology to  
our new house, and most  
heartily invite all the  
Seniors and Sophomores  
for Saturday evening  
November 24<sup>th</sup> at 8 o'clock,  
and the Juniors and  
Freshmen on Saturday  
December 1<sup>st</sup> at the same hour.  
Affectionately yours,  
Alice Maclaurin

### MR. COWDRAY TO LECTURE BEFORE AERO CLUB FRIDAY

On Friday evening of this week Mr. Cowdray of the testing materials department will lecture before the Aero Club on "The Testing of Airplane Wings and Materials." The meeting will be held in room 3-270 at 8.00 o'clock.

This will be the first of a series of lectures which the Aero Club has planned in conjunction with its courses in Gas Engines and in Airplane Design. The number of students attending classes for instruction in these subjects is 155 and is distributed as follows: Course in Gas Engines, section 1, 50; section 2, 30. Course in Airplane Design, section 1, 25; section 2, 50.

A diploma is being made for those who pass an examination at the end of either or both of these courses. The examination is not compulsory but will be held for the benefit of those who desire a tangible evidence of their proficiency. Shingles are also being made for the members of the courses.

### NOTICE

There will be an important meeting of the Second Assistant Advertising Managers of The Tech tomorrow at 5.00 o'clock. Every man should be present.

### RAILROAD ENGINEERS IN DEMAND IN WASHINGTON

The following telegram was rushed from the Washington office of the M. I. T. Committee for National Service, marked "Publish without fail": "Men having railroad experience on location, maintenance, or operation, communicate with Washington office at once. State experience, age, draft status, etc. Men having commissions but still not in active duty most wanted although others will be considered. R. W. Ferris."

## SLAUGHTER NEARING

### The Tech Deep in Preparations For Annual Massacre

Last Friday the entire quota of men from The Tech who will indulge in annihilating the technicians next Saturday attended Lieutenant Morize's lecture and obtained some valuable pointers as to how its attack should be carried out. The first preparation for an attack consists of the preparation of the ground. The Tech has magnanimously left this to Mother Nature—we cannot improve on nature. By next Saturday the ground will become hard and frostbitten and voo to the technician who falls thereon with his weak and puny body.

The second phase of the preparation comprises the organization and fitting of the men. The Tech has initiated a series of daily workouts in its usual comprehensive way. Intensive line plunging is the principal feature of these workouts. The Tech squad will attend the next lecture by Lieutenant Morize on the eve of the classic and hopes to gain some more points.

Our last outburst caused some displeasure in the technician horde owing to its allusion to Hun tricks. We wish to here apologize for any offence which this might have given. But—technicians should here take warning. The Tech will be unrelenting in its prosecution of a firm policy which will guarantee the complete destruction of its enemy. Also being the only example of pure and undefiled English around the 'Stute, The Tech naturally refers again and again to its master—Mr. W. Shakespeare. Hence it behooves the technicians to lead virtuous lives between now and next Saturday, for has he not said: "The evil that men do lives after them, The good is oft interred with their bones."

## WAR FUND CAMPAIGN WILL TERMINATE AT SIX O'CLOCK TODAY

### Bishop Lawrence Speaks at Second Convocation on "Work of the Red Triangle" in Camps in This Country

\$6,800 ALREADY SUBSCRIBED

ALTHOUGH it was expected to close the present War Fund Campaign last Saturday, conditions at Technology make it essential to continue until 6.00 o'clock this evening. Thus far \$6,800 have been contributed. Owing to the excessive number of commuters peculiar to the Institute and to the many members of the faculty residing in small communities within the environs of Boston, where they had already subscribed, the T. C. A. has a more difficult problem to solve than similar organizations in other colleges.

### Second Convocation Held

Last Thursday afternoon at 2.00 o'clock the second convocation of the year was held in room 10-250 when Professor A. E. Kennelly, acting in the absence of President Maclaurin, introduced Bishop Lawrence, who spoke on the "Work of the Red Triangle."

Bishop Lawrence is Bishop of Massachusetts and has been actively engaged in social, civic and religious work. "The United States brings new forces and new ideas into the war," he asserted, "and this country is trying a novel and typically American experiment. It was formerly assumed that when a nation had provided for a sufficient army and navy and had disciplined its soldiers in camps, its work was completed. But today we are working on the principle that the whole man and not simply his body is behind the gun. The fighting man must be morally as well as physically fit."

### "Swashbucklers" Formerly Typical Soldier

"In days gone by the 'Swashbuckler' was supposed to be the characteristic and the best soldier. The present struggle, however, makes far greater demands on the trooper. The keynote of the war is endurance and in order to attain this the soldier must be surrounded by excellent social and moral conditions. The United States has the benefit of the experience of her allies and that of past generations on this matter and, as a result, the War Department deliberately laid down a plan for the uplift of the morale of the army."

Continuing Bishop Lawrence spoke of the work done by the War Department in and around the cantonments. "For this work," he said, "several committees have been formed both inside and on the exterior of the camps. These committees are of two sorts, one on activities and the other on the repression of vice. The latter organization is more vigorous on the outside of the cantonments."

### Why the Y. M. C. A. Was Selected

Tracing the history of the work accomplished on a smaller scale in the Spanish-American War and also last summer on the border, he sketched briefly the activities of Mr. John R. Mott, leader of the movement at present.

"Mott put the Y. M. C. A. huts inside the prison camps. In these camps men are huddled together inside barbed wire enclosures, many of them hopelessly insane. Mott went to the German and French governments and through his efforts succeeded in partially aiding this situation. It was for these reasons that the War Department unhesitatingly placed the work for the moral uplift of the soldiers inside the cantonments in the hands of the Y. M. C. A. Lately the Y. M. C. A. has shared

(Continued on page 3)

## M. I. T. HARRIERS WIN

### Technology Now Almost Sure of I. C. A. A. A. Meet

Last Saturday afternoon the Technology harriers won the N. E. I. C. A. A. championship in a closely contested cross-country run held over the Franklin Park course. Teams were entered by Bowdoin, Williams, Tufts, Boston and M. I. T. The Technology team was exceptionally well balanced as three out of the first five men to finish were G. F. Halfacre '18, G. C. McCarten '19, and Captain H. A. Herzog '19. Each team entered seven men, but only the first five men to finish for each college scored. Halfacre featured for M. I. T., and was nosed out of first place by about fifty yards by G. Goodwin, Bowdoin, who finished in 29 minutes 8 seconds. This is considered very good time for the course. The other Technology men finished in the following order: H. R. Dorr '20, G. R. Owens '21, D. F. Carpenter '21, and F. H. Dyke '20. The result of this meet and of the Harvard and Dartmouth meets makes Technology a favorite in the I. C. A. A. A. race, which will be held at Van Cortlandt Park next Saturday.

The men who scored finished in the following order: G. Goodwin, Bowdoin; G. F. Halfacre '18, M. I. T.; R. Cleaves, Bowdoin; G. C. McCarten '19, M. I. T.; H. A. Herzog '19, M. I. T.; R. M. Parker, Williams; H. W. Blanchard, Bowdoin; L. C. Wyman, Bowdoin; H. R. Dorr '20, M. I. T.; H. Platt, Williams; G. R. Owens '20, M. I. T.; C. B. Merrill, Tufts; F. B. Stewart, Williams; S. Olson, Williams; A. D. Perry, Williams; G. Saunders, Tufts; D. F. Carpenter '21, M. I. T.; F. Warren, Bowdoin; H. A. Saunderson, Tufts; W. Kenney, Tufts, and W. Brackett, Tufts. M. I. T. scored 32 points, Bowdoin 40, Williams 56, and Tufts 105. Boston College did not score as only four of her men finished. Holy Cross withdrew entry.

### CALENDAR

Monday, November 19, 1917

5.00 P. M.—Meeting of Varsity Wrestling Team. The "Caf."

Tuesday, November 20, 1917

8.30 to 9.00 A. M.—E. E. Society Radio Class. Rooms 10-250 and 10-267.

1.15 P. M.—1921 Football Picture. Notman's, 3 Park Street.

5.00 P. M.—Meeting of Second Assistant Advertising Managers of The Tech. The Tech Office.

5.00 P. M.—Meeting of Candidates for Second Assistant Publicity Managers. Tech Show. Activities Building.

Wednesday, November 21, 1917

8.30 to 9.00 A. M.—E. E. Society Radio Class. Rooms 10-250 and 10-275.

**Seniors---Your Day is December 1---Reserve That Date**

# The Tech

Established 1881

Entered as second-class matter, September 16, 1911, at the Postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Published twice a week during the college year by students of the Massachusetts Institute of Technology.

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Subscription \$1.50 for 53 issues, in advance. Single copies 3 cents.

Subscriptions within the Boston Postal District or outside the United States must be accompanied by postage at the rate of one cent a copy. Issues mailed to all other points without extra charge.

News Offices, Charles River Road, Cambridge, Mass.; 152 Purchase Street, Boston, Mass. News Phones, Cambridge 2600, Main 3810. Business Offices, Charles River Road. Business Phone, Cambridge 2600.

Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. The Tech assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

The Editor-in-Chief is always responsible for the opinions expressed in the editorial columns, and the Managing Editor for the matter which appears in the news columns.

## IN CHARGE THIS ISSUE

A. Kruse '20.....Night Editor  
G. Russell Steininger '21.....Assistant Night Editor

MONDAY, NOVEMBER 19, 1917

## FULL SPEED AHEAD

**T**ODAY the drive at Technology for her contribution of ten thousand dollars to the Y. M. C. A. War Work Fund will be brought to a close. Saturday about seven thousand dollars had been realized. This figure is behind those which some of the other colleges had raised in the same time. There is time, however, to wait before censuring Technology's response. It is a difficult proposition to approach every man in the Institute, but it is safe to say that by today, every man here will have had the opportunity to sign his pledge. Those few who have not been approached by members of the campaign committee doubtless know of the campaign and it is their duty to give without being personally asked.

The amount set for Technology to raise is in no wise excessive. If every man at the Institute will give unstintingly (and who will not?) this sum will be obtained easily. There are without a doubt several men who are able to give far above the average subscription. Will not these men come to the front and do their share? As has been stated already, everyone should give until it hurts. Evidently this will mean a different contribution from every man. It is unnecessary to say anything about the worthiness of the campaign. If a man does not appreciate it after what has been said, he must be entirely oblivious to what is going on about him, and nothing which might be said here will convince him. Surely there are no such contemptible beings at Technology.

Technology stands challenged to do, not more, but as much as other colleges have done. Our task has been set. Will we come through?

## THE PRESIDENT AT HOME

**O**N another page of this issue will be found the kind invitation of President and Mrs. Maclaurin. Here is an opportunity for every Technology undergraduate to meet personally the President and his wife. There is an indescribable pleasure in store for everyone who avails himself of this opportunity, which can be appreciated only by those who have met Dr. and Mrs. Maclaurin. We are apt to regard the President as a rather impersonal adjunct of the Institute whom we see and hear at various functions, but this is far from the actuality. It is our sincere hope that every undergraduate will realize that an evening at the home of the President, with its possibilities of better acquaintance with him and among ourselves, is something to be looked forward to with eagerness.

## THE TECHNOLOGY MONTHLY

**T**HIS week the first issue of the new Technology Monthly will make its appearance. The Board has been reorganized and the magazine has become the official organ of the Aero Club. The task of getting out a monthly which will interest the student body is no small one, but assurances are at hand that this has been accomplished and that the monthly will be better than ever. We want to express our best wishes for the success of our contemporary.

The Tech regrets to announce the resignation from the position of Editor-in-Chief of Kenneth Reid '18, who has found it necessary to discontinue his work on the paper on account of additional Institute work which he is undertaking. He will be succeeded by A. J. Giuranovich, Jr. '18, who was formerly Assistant Managing Editor. The following elections are announced: E. S. Burdell '20, Assistant Managing Editor; A. Kruse '20, Night Editor; and G. Russell Steininger '21, Assistant Night Editor.

## HARRINGTON '18, AUTHOR 1918 TECH SHOW SCENARIO

Competitions for Lyrics and Music Will Open Thursday

On Saturday the Tech Show Management announced that the book for the 1918 Tech Show had been selected, and that the competitions for the lyrics and music of the play would open immediately. Of the six scenarios written for the Tech Show, that of E. D. Harrington '18, was selected. C. J. Parsons '19, received honorable mention.

Harrington has taken a prominent part in the production of past Tech Shows. In last year's play he took the role of one of the principal male characters, appearing as "Ross Bradford," a Technology student, and in love with the heroine. Harrington is a member of the Institute Musical Clubs, and assistant leader of the Banjo Club. He graduated from Beloit College, Wisconsin, in 1916, receiving the degree of Bachelor of Science.

The competition for the lyrics and music of the Show will open on Thursday. All men who are interested in writing either the words or music for the songs will meet in the Tech Show Office in the Activities Building at 5.30 on Thursday. At this time the details of the work will be explained, and every contestant will receive an outline copy of the play which will give him an idea of the lyrics desired. It is absolutely necessary that all men intending to do any writing for the Tech Show will be present at this meeting.

The same coaches who developed "Not a Chance" have been engaged for the coming production. Mr. William Duncan of New York will have entire charge of the cast, Miss Tanner will coach the dancing, and Mr. Howard is to work with the orchestra and the chorus. This year the Tech Show Orchestra has identified itself as a separate activity under the name of the Technology Orchestra, and is already organized. Men desiring to join this organization will be able to do so as soon as the Show music has been composed and orchestrated.

## SECOND CONCERT OF MUSICAL CLUBS TO BE AT WALTHAM

Third Cut in Banjo and Mandolin Clubs

The second concert on the schedule of the Combined Musical Clubs will be given at Waltham on Tuesday, December 4. This entertainment is to be given under the auspices of the Special Service Board, a war charity which has strong support in Waltham. The affair is to be given in Nutting's Hall, which is particularly adapted for this purpose due to its size and equipment for dancing.

A third cut by the leaders of the Mandolin and Banjo Clubs leaves the following men in the organizations. This list holds for all concerts before Christmas. Banjo Club—Firsts: Harrington, Hotchkiss, Saunders, Wilson, Wyer, Schmitz; Seconds: Blood, Davis, Insley, Webber, Neitzke; Thirds: McLaughlin, Wiswall, Bugbee, Gray; Cello, Bugbee; Pianist, Cohen.

Mandolin Club—Firsts: Akers, Hotchkiss, Leeland, Randolph, Schultz, Wells, Kimball, Hedlund, Harrington; Seconds: Blood, Gray, Hackett, McLaughlin, Merriweather, Webber, Wiswall, Davis; Thirds: Burrows, Chambers, Insley, Landis, Vissler, Wyer.

Guitars—Catlin, Ford, McNally, Coachman, Sigfried.

Mandolas: Wilson, Gilbert, Bugbee.

## MEETING OF CANDIDATES FOR SHOW PUBLICITY DEPARTMENT

There will be a meeting of all candidates for second assistant Publicity Manager of Tech Show 1918 tomorrow afternoon at 5.00 o'clock in the Show office on the first floor of the Activities Building. This competition is open to all freshmen.

The duties of the Publicity Department require that a man be able to do more than just publicity work. The assistants must do much of the Stage Department work in order that they may familiarize themselves with the progress of the show and be able, if necessary, to substitute in any other office. Two assistants will be chosen this year.

## PROF. WHIPPLE TO SPEAK TO BOSTON ENGINEERS ON RUSSIA

Professor G. C. Whipple '89, who has just returned from Russia where he was sent with the American Red Cross Mission as a representative of the engineers of America, will deliver an address on "Russia, Its Present Conditions and the Opportunities for Engineers," to the Boston Society of Civil Engineers, at Chipman Hall, Boston, on Wednesday evening, November 21, at 7.45 o'clock.

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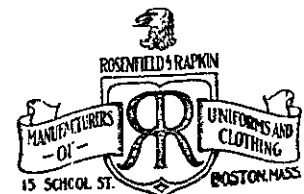
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**Y. M. C. A. FUND**

(Continued from page 1)

this work with the Knights of Columbus. The huts of both organizations are open to all soldiers no matter what their religion may be.

**One Hut For Every 20,000 Men**

"The chief job of the Y. M. C. A.," he continued, "is the placing of one hut in these camps for the use of each twenty thousand men. Some of the huts have been enlarged and are known as 'double winged huts.' They contain a place in which to write home, a platform for speakers, a counter at which to purchase candy and cigarettes, a motion picture machine, a piano, a victrola, and various accessories for the comfort of the men. Each hut requires five secretaries. They cost \$6000 here and \$15,000 in France."

**Vital Factor in American Morale**

Concluding, Bishop Lawrence made it clear that this work formed a vital factor in molding the fighting abilities of the American forces. He also urged every man to support the War Fund Campaign as a duty. "For," he asserted, speaking of sacrifice, "if we do not cut out, we have got to cut out."

After Bishop Lawrence had finished speaking, Professor E. H. Schell '12, gained the attention of the chairman and delivered a stirring appeal to all Technology men to achieve the goal of the present drive.

**INTER-FRATERNITY COUNCIL HOLDS FIRST MEETING**

On Thursday of last week the Inter-Fraternity Council met at the Hotel Lenox. Representatives from seventeen fraternities were present at the meeting. Plans for the coming year were discussed and the following officers were elected: President, Phillip M. Dinkins '17; Vice-President, James W. Reis '19; Secretary, M. C. Balfour '19; Treasurer, F. G. C. Smith '19; Executive Committee, R. H. Wells '18, J. H. Stagg '18, E. P. Collins '18.

**AERO CLUB EXPRESSES LOSS OF WILLIAM EASTMAN, JR.**

Whereas it has pleased Divine Providence to take from us our beloved comrade William Eastman, Jr.; and,

Whereas his life has been an example and his death an inspiration,

Be it resolved by us, the officers and members of the Aero Club of the Massachusetts Institute of Technology that we hereby express our appreciation of his sterling worth and our sorrow at his untimely end; and further that we express our deepest sympathy for his family in their great bereavement, and

Be it further resolved that copies of this resolution shall be published in The Tech and sent to his family.

For the Aero Club,

Charles H. Tavener, Pres.  
Frank H. Copeland, Sec.  
M. J. Baber, Ex. Comm.

**Amount Subscribed by Students and Faculty to War Fund Campaign up to 1.00 P. M. Saturday**

	No. Students in Course	No. Students Subscribing	Amt. Sub'd by Stud'ts & Fac'ty
Course I	161	91	\$ 666.00
1918		36	195.00
1919		21	123.00
1920		34	173.00
Course II	221	95	795.00
1918		22	126.00
1919		36	244.50
1920		37	174.50
Course III	40	26	265.00
1918		10	67.00
1919		8	80.00
1920		8	42.00
Course IV	83	50	427.50
1918		19	152.00
1919		16	79.00
1920		15	48.50
Courses V & X	223	119	1,216.00
1918		40	339.00
1919		31	252.00
1920		48	353.00
Course VI	181	75	383.00
1918		23	109.00
1919		28	150.00
1920		19	80.00
Course VII	31	17	146.00
Course VIII	8	1	45.00
Course XI	18	5	22.00
Course XII	3	1	152.00
Course XIII	47	7	48.00
Course XIV	27	11	121.00
Course XV	116	79	744.00
1918		15	189.00
1919		21	243.00
1920		43	287.00
Freshmen	500	282	1,584.75

OFFICIAL FROM THE  
**M. I. T. Committee for National Service**  
JAMES W. ROLLINS '78, Chairman

WASHINGTON BUREAU  
808 Union Trust Building  
RAYMOND W. FERRIS '08, Secretary

A direct means of communication between the Technology and the National Government. If there is anything you wish to know in Washington, write to the Technology Bureau.

**Expansion of Engineer Force in the Past Eight Months**

From March 1 to November 1 the Corps of Engineers increased its personnel from 256 officers on the active list to 394 officers and 14 retired officers on active duty and in addition has commissioned more than 5000 reserve officers. The enlisted force has expanded from 2100 to 95,000 and there has also been a heavy increase in civilian employees.

In addition, nine railroad regiments and one forestry regiment have been raised as part of the National Army. Seventeen pioneer regiments have been authorized as part of the National Army, and are rapidly organizing. National Guard units, equivalent to about seven regiments, have been called into the Federal service, and their reorganization into 17 pioneer Engineer regiments for the 17 divisions of National Guard troops is well under way.

**Concerning Recent Engineers' Training Camps**

Engineers officers' training camps were established in each of the 16 training camp areas, the number of candidates for Engineer commissions taken from each camp being 150. After a month's training in the same camps with candidates for commissions in other branches of the service, the Engineer sections were transferred to three Engineer training camps with special facilities for technical instruction, one in the vicinity of Washington, one at Fort Leavenworth, Kan., and one at Vancouver Barracks, Wash. Instruction was continued there for two months. In August, 1900 candidates were graduated and are now holding commissions.

Large numbers of Engineer graduates of training camps have been assigned to new regiments and special units are being organized and the training of enlisted men in the National Army will be largely under their supervision. A number are in France for special training.

On December 1 about 1200 Engineer Reserve officers will be graduated from a second Engineer officers' training camp.

**AVDANCE BATTALION**

(Continued from page 1)

works must be taken into account. Then the preparations are begun. The ground in this particular location was absurdly flat and in rather poor condition. The communication trenches were too short and too few. The water supply was scanty and there was no depot for food. The headquarters of the commandant were too far in the rear. In order to fit this position for the launching of an attack, more trenches, an assembly place for the attacking troops, observation posts, and facilities for supplying water and food had to be provided. Trenches known as "Russian Saps," about a foot and a half below the ground, running parallel to and in front of the first line trenches, were built. When new first line trenches were needed, it was only necessary to break through the foot and a half of earth above the tunnel and the trench was ready for use. Four and three-quarter miles of communicating trenches and disguised cement lookouts were also built. The position was then ready for the attack.

**NOTICES**

**Musical Clubs' Picture**—The picture of the Musical Clubs will be taken Sunday morning, November 25, at 10.00 o'clock, at Notman's Studio, 1286 Massachusetts Avenue, Harvard Square. All members must be in evening dress, but it will be possible to change clothes at the studio.

**1921 Tug-O'-War**—The management wishes to notify all members of the 1921 tug-o-war team that they should report at Notman's, 4 Park Street, Boston, on Thursday, November 22, to have their picture taken. The picture will be taken promptly at 1.15 o'clock and the manager requests the men to be at the photographer's on time.

**M. E. Society Trip**—The Mechanical Engineering Society will make a trip to the Turbine Department of the General Electric Company, West Lynn, Mass., on Friday, November 23. The party will be limited to twenty-five members. Detail as to sign-ups, and the time and place of meeting will be announced by posters and in the next issue of The Tech.

**1921 Football Picture**—The Football Manager requests that all the men who played on the freshman football team on Field Day be present at Notman's Studio, 3 Park Street, Tuesday, November 20, at 1.15 o'clock. All must report in uniform, but it will be possible to change clothes at the Studio.

**Articles Found**—The losers of the following articles may obtain them by applying at the office of the Superintendent of Buildings and Power, Room 3-005, with a description of their property.

One copy "Advanced Machine Work"; 1 copy "King Lear"; copy "History of Modern Europe"; 2 copies "College Physics"; 3 copies "New Complete Trigonometry"; 1 "Boston Safety" fountain pen; 1 "Moore" fountain pen; 2 "Waterman" fountain pens; 1 "Sol Satin" fountain pen; 1 fountain pen with gold cap; 1 vest with gold watch bearing initials H. G. C.; 1 case containing eyeglasses; 4 bone-handled knives; 1 pearl-handled knife; 1 gold-handled knife.

**Varsity Wrestling Team**—On account of the resignation of J. M. Bugbee '19, as manager of the wrestling team, an election for the position of manager will be held Monday, November 19, at 5.00 o'clock in the "Caf." All members are requested to be present.

**TECHNOLOGY ALUMNUS ON THE U. S. SHIPPING BOARD**

Among the Technology Alumni who have recently given their services to the Government, is Parker H. Kemble '95. Mr. Kemble, who is one of the foremost engineers in this section of the country, is now a member of the Sea Service Bureau at the National Headquarters of the director of recruiting for the United States Shipping Board, Boston Custom House. He and several other technically trained men constitute a board which is proving of utmost importance to the Government in coping with the present situation. The activities of this group of men in their present capacity will probably be confined to the duration of the war.

Mr. Kemble was before entrance into national service, inspector of hull construction for William Cramp and Sons, Philadelphia; Superintendent of the Columbia Engineering Works, Brooklyn; and served in various capacities with the Boston Elevated Railway Company, Brooklyn Edison Company, Toronto Electric Lighting Company, Cincinnati Gas and Electric Company and the New York and Queens County Electric Light and Power Company.

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# FIRST ISSUE OF TECHNOLOGY MONTHLY GOES TO PRESS

## Official Aero Club Organ Plans Special Numbers

The first issue of the Technology Monthly goes to press today. Since the Monthly is now the official organ of the Institute Aero Club, the issue will include several articles of aeronautical importance which will be of especial interest to members of the Army and Navy Aviation Schools. The issue will contain pictures of Field Day and of the Summer Engineering Camp in Maine. Among the future numbers of the Monthly will be several special issues devoted to particular Institute activities, such as the Musical Clubs and the Tech Show. Prominent Technology graduates engaged in war work in various parts of the country will contribute articles of timely interest.

Attention is again called to the Monthly's literary contest. The contest is open to all students at the Institute. A prize of ten dollars is offered to the author of the best article of not less than 2000 or more than 4000 words on any subject. The rules of the contest are as follows:

(1) All manuscripts must have on them some distinguishing mark, such as a nom-de-plume.

(2) A sealed envelope, containing a card with the real name and address of the author together with the nom-de-plume written on it, must be turned in with the manuscript.

(3) Manuscripts must be in on or before November 30 at 1.00 o'clock, and are to be placed in box 288 of the post office in the lobby.

The Monthly hopes that the English Department will continue to give credit to the winner, if he is taking a course in which credit has formerly been given for such articles.

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# TECHNOLOGY CLUB TO HEAR DR. GODFREY

The next meeting of the Technology Club of Philadelphia will be held on Wednesday evening, December 5, 1917. There will be an informal dinner at the Club at 6.30 o'clock and meeting at 8.15 o'clock. Dr. Hollis Godfrey '98, president of Drexel Institute and president of Technology Clubs Associated, will speak on the year's work of the Advisory Commission of the Council of National Defense of which he is a member. It is expected that T. Coleman Dupont '84, will also be present at this meeting and will address the club.

Members of the Engineers Club and Affiliated Societies are invited to the meeting.

## 1917-18 CATALOGUE ISSUED

The current issue of the Catalogue of the Institute, 1917-18, is in conformity with the ideas of economy and efficiency, as it presents a volume about twenty per cent smaller than in the past years. This economy has been effected in part by the omission of the list of Technology alumni associations, of which there are about fifty, and the list of students by classes. Both of these items, however, are taken care of by other publications.

One of the matters that is most striking to the reader of the Catalogue is the number of the teaching staff that are in Government or allied war service. The general figure of more than fifty about one-fifth of the whole number, has already been given out, but until now no hint has been given as to the men who are on leave or who have tendered resignations to Technology.

Quite as striking as an evidence of the patriotism of the instructing staff and the need of the Government and the industries for men of such training, is the list of instructors and assistants for whose positions no one has yet been named. Many of the men, formerly here, have gone into service related to the war. This condition indicates one of the serious problems that Technology has had to consider since the outbreak of the war.

In the regular courses there have been no essential changes, except that the school of Chemical Engineering Practice has been suspended, most of the students being placed in service. A new course, VI A, has been introduced. This is a five year course in Electrical Engineering, which will afford the students a chance to work in the General Electric Company's shops at Lynn, Mass., as well as at the Institute, and leads to the degree of Master of Science.

For new material in the Catalogue there are outlines of the two Government schools, the U. S. Military School of Aeronautics and the Naval Aviation Detachment, which the Institute is conducting within its own walls and with its own faculty. An outline of the new student tax to maintain undergraduate activities is also given.

# E. E. SOCIETY TO GIVE RADIO COURSES

The classes in radiotelegraphy given by the Student Branch of the E. E. E. will be held every morning from 8.30 to 9.00 o'clock beginning Tuesday, November 20. Experienced men will meet in 10-250 and beginners in 10-267 except on Wednesday when the latter will meet in 10-275. At present the courses will be limited to members.

# CHANGES IN FACULTY

## Fill Gaps Caused by War Service—Leaves of Absence Granted

The administrative offices of the Institute announce the following appointments to the instructing staff, which have been confirmed by the corporation: William S. Franklin, to be a special teacher and lecturer in Physics and Electrical Engineering. Eliot Putnam will be a lecturer in Architectural History. Edwin H. Schell has been appointed an assistant professor in Business Management. In Civil Engineering, James B. Newman and Alfred S. Niles, Jr., are to be assistants. In Mechanical Engineering, DeWitt McC. Taylor has been made an instructor, and Paul Hatch and Herbert C. Parker will be assistants. In Mining Engineering and Metallurgy, Hans Nuhn and Isaac Rosenbloom are to be research assistants. Paul W. Norton is to be assistant in Architectural Engineering. In Electrical Engineering, Edwin A. Ekdahl, Guy A. Gray, Clifford E. Labsil, Paul H. Burkhardt and Charles O. Gibbon will act as assistants. Murray P. Horowitz has been advanced to the position of instructor in Biology. In Chemistry, Ralph D. McIntire, Earl P. Stevenson were made instructors and Miss Louise P. Johnson and Alan G. Richards, assistants in Inorganic Chemistry. C. S. Robinson has been appointed instructor in Industrial Chemistry, with Duncan A. MacInnes, a research associate, and Jan Wassko, a research assistant in Physical Chemistry. Philip L. Rhodes has been made an assistant in the Department of Naval Architecture. In the general studies, Arthur L. McCobb will be an instructor in Modern Languages. Penfield Roberts and Allen French, instructors in English, and William D. McInnett, instructor in Mechanical and Freehand Drawing.

Leave of absence for a year has been granted to the following members of the faculty and instructing staff, most of the men being engaged in war service for the Government: Professors W. H. Walker, J. F. Norris, William Hovgaard, J. C. Riley and S. M. Gunn, Dr. F. H. Smyth and Messrs. Robert E. Wilson and Evers Burtner.

The following men are also on leave: Professor Albert Sauveur, Associate Professor Daniel F. Comstock, Assistant Professors Charles W. Green and Henry H. W. Keith.

## C. W. LOOMIS '17, WRITES OF WAR EXPERIENCES

C. W. Loomis '17, who has written several letters previously published in The Tech, has been in the service of the Engineer Corps as a sergeant in the railway division in France since the entrance of our country in the war. Another of his letters describing the daily life and experiences of his company in actual service follows:—

September 8, 1917.

At last we are railroading! Narrow gauge, to be sure, and toy engines, cars that can be lifted on and off the track. On the way over one of them went off. Ten or twelve men got hold, heaved, and it was back on the track again. But even with this toy affair the men are tickled to death to be at it again. The few that have actually operated today seem proud of the grease on their hands and instead of shirking detail work as some of them usually do, they are anxious to get it, so long as it is on the road. For myself, it promises to be both interesting and strenuous for a few days at least. I started out as a bum civil engineer, grading off some shell holes in front of our hospital hut. My surveying tools consisted of a grade line, a carpenter's level and a few stakes, but it turned out rather well in the end. That job I quit at noon, not quite finished and Raef, who had been helping me in the a. m., finished it an hour later. After dinner I became "train despatcher," quite a difficult task. We only have six engines so far, so I hardly expect to die of worry keeping the track clear, in spite of the fact that we had two derailments out of five starts today. So far as I am able to determine the task requires nothing more than a little common sense and a comfortable chair. I was beginning to think I'd have to learn French to keep myself amused, but after supper Lieut. Goreyeb collared me and talked sanitation to me. He is planning on building a field incinerator, a grease disposal trap for kitchen wastes and a shower bath and drain, and having discovered that I am supposed to be a sanitary engineer, I'm elected. It will be quite an interesting little job. The first two are sure to go through and the shower bath will if the doctor has his way. We ought to be able to build almost anything here, for we are surrounded with pile after pile of salvaged material of all descriptions.

C. W. Loomis.

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